

Product datasheet for **MG216432**

Skint7 (NM_001142775) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Skint7
Synonyms:	C130057D23Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >MG216432 representing NM_001142775
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGATGAAGCCTGAGTTCTTTTGGCTTTCTGGATTCTGTGTACTTTCTTTTCTGCAAGTGAGTAT
CTTCAGAGAAACTGAGGTAACACTCCCACAAGACACCTGTTAGCTAGAGTAGGAGGCCAGGCTGAGCT
CAGCTGCCAGGTGATCCCACCACACAGTGTGATGCATATGGAGGTACGCTGGTTCAGGAGTGCCATTCC
CAACCTGTTTACCTATACAGAGGTGGCCATAAAATGAGTGAAGAAGCTGCTCCTGAATATGCAAATCGTA
CAGAGTTGTGAAGGAGGCCATTGGAGAAGGCAAAGTGTCCCTCCGAATTCATAATATAAACATTTTGGGA
TGATGGACCTTACCAATGTTCAATTAATGGTAGTGGCTTCATTGATGCGGCTATCATGAACCTCAATGTG
ACAGCAGTTGGATTGGAGACAGAGATACATGTTCCAGGCTCCTGATGCTGATGGAGTCATGGTGGAGTGTA
ATTCAGGAGGGTGGTTCCCAAGGCCCAATGGAGTGGAGAGATAGTAAGGGGGCAACACTTCCGCACTC
ATTAATAATCATATTCACAGGATGAAGCCAGATTTTCTATATGAAGATGACTCTTCTCTCACAACATG
TCACATGGCAGCATCATTTGCTGTATTTCAACCCTGTAACAGGTGAAGAGAAGCAAACAAGTATCATT
TAGCAAATGAACTCTTAATCGGGACCGTATTTGGATGGAAAGTTAGCTTCCATTGTATGGATAATGCT
CTCTGTATATTTCTATATATAATCTGCTTTTACTGGAGAACAGGGTGTGCATCTGGATGCCTGTCTAAA
TGTTTTTGTGGTGACCTCCTGGCTGTTCAAATAGTGCATTTATTATTCTGTACTGGAACATCTTTG
CAATATATTTACCTCACCAGCAGAGTCTCTTTTCAGATCCTCAGTTTCCCTTATACAACAACCTGGAT
AACTGAATTGCTGTTTGTGATACTTTTCTGACAATATGTTTTGCCTTGCCAATCATTCTCTTATTTCATA
CAATTTCAATTCACAAGTCTGACTAAATGGGAGAAGAACAAGGATGGCATCATGGACCAACCAAGACTGG
GAAAAGCCCATGAAACCTCAAGCCTATATAGAAAAAACAAGGAAAAGCTGGGAGCAGGAGAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



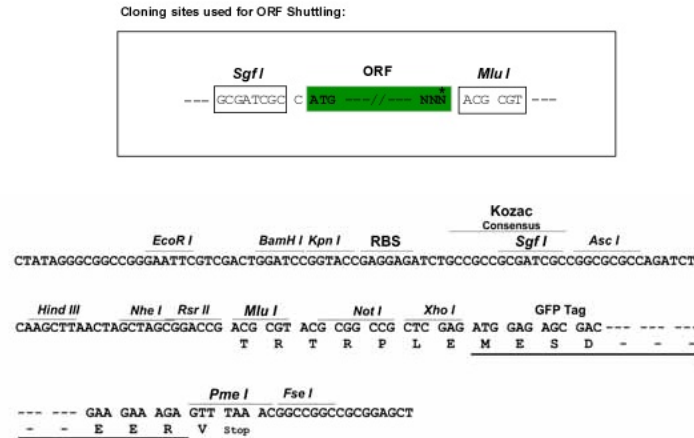
Protein Sequence: >MG216432 representing NM_001142775
 Red=Cloning site Green=Tags(s)

MMKPEFFCFSGFCVYFLFLQVVVSSEKLRVTTPTRHLLARVGGQAEASCQVIPPHSVHMEVRWFRSGHS
 QPVYLYRGGHKMSEEAPEYANRTEFVKEAIGEGKVSRLRIHNINILDDGPYQCSFNCSGFIDAAIMNLNV
 TAVGLETEIHVQAPDADGVMVECNSSGGWFRPQMEWRDSKATLPHSLKYSQDEARFFYMKMTLLLNTM
 SHGSIICCFNPVTGEEKQTSIILANELFNDRIMESLASIWWIMLSVYILYICFYWRTGCASGCLSK
 CFCVVTSWPVQIVHLLFCTGTFFAIYLPHRSRVSLSDPQFPLYNNWITELLFVILFLTICFALPIILLFI
 QFQFTSLTKWEKNKDGIMDQPRLGKAHETSSLYRKKTKGSWEQEK

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001142775

ORF Size: 1185 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001142775.1](#), [NP_001136247.1](#)

RefSeq Size: 1423 bp

RefSeq ORF: 1188 bp

Locus ID: 328505

UniProt ID: [A7XV04](#)

Cytogenetics: 4 D1

Gene Summary: May act by engaging a cell surface molecule on immature T-cells in the embryonic thymus. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG216432